

Listing of Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Previously Presented) A method of establishing Universal Mobile Telecommunications System (UMTS) communication between User Equipment (UE) and a UMTS network, wherein the User Equipment is in communication with a Global System for Mobile communication (GSM)-type network, the method comprising:

forwarding UMTS Terrestrial Radio Access Network (UTRAN) parameters to the User Equipment via the GSM-type network;

in the UE, receiving the UTRAN parameters and initiating communication with the UMTS network, wherein the UTRAN parameters forwarded to the UE comprise a list of at least one radio link; and

in the UE, using the list to switch communications with the UE from the GSM-type network to the UMTS network.

2. (Previously Presented) The method according to claim 1, wherein the UTRAN parameters are supplied by a Radio Network Controller of the UMTS network, and wherein the UTRAN parameters are directly forwarded to the UE from the GSM-type network as part of a handover command, without passing through any other type of network, the method further comprising:

allocating, by the RNC, UTRAN resources for a communication by the UE using the UMTS network.

3. (Previously Presented) The method according to claim 1, wherein the UTRAN parameters comprise a list of potential UTRAN access points.

4. (Previously Presented) The method according to claim 2, wherein the UE is arranged to establish a link through the Radio Network Controller (RNC) of the UMTS network to an MSC of the GSM-type network.

5. (Previously Presented) The method according to claim 1, wherein potential links supplied in a list to the UE on which satisfactory communication is not possible are deleted from the list of available links.

6. (Canceled).

7. (Previously Presented) User Equipment (UE) for a UMTS network arranged to communicate over both a GSM-type network and said UMTS network, and comprising:

means for receiving UTRAN parameters sent via the GSM-type network;

means for initiating communication with the UMTS network based on said UTRAN parameters to enable a GSM call to be handed over to the UMTS network, wherein the UTRAN parameters forwarded to the UE comprise a list of at least one radio link; and

means for switching, using the list, communications with the UE from the GSM-type network to the UMTS network.

8. (Previously Presented) A message or data packet in a GSM-type network containing UTRAN parameters for handing over a GSM call to a UMTS network to User Equipment engaged in a GSM call and capable of switching to a UMTS call,

wherein the UTRAN parameters forwarded to the UE comprise a list of at least one radio link and the UE uses the list to switch communications with the UE from the GSM-type network to the UMTS network.

9.–12. (Canceled).

13. (Previously Presented) The method according to claim 1, wherein the UTRAN parameters include one or more of Downlink (DL) channelization code, Uplink (UL) spreading factor, Uplink (UL) scrambling code, Radio Frequency, Radio Link ID, Link Reference, S-RNTI, Transport Format Sets, Transport Format Combination Set and Initial DL Power.

14. (Canceled).

15. (Previously Presented) User equipment according to claim 7, wherein the UTRAN parameters include one or more of Downlink (DL) channelization code, Uplink (UL)

spreading factor, Uplink (UL) scrambling code, Radio Frequency, Radio Link ID, Link Reference, S-RNTI, Transport Format Sets, Transport Format Combination Set and Initial DL Power.

16. (Canceled).

17. (Previously Presented) A Universal Mobile Telecommunications System (UMTS) system, comprising:

a Radio Network Controller (RNC) which forwards UMTS parameters to User Equipment (UE) via a Global System for Mobile communication (GSM)-type network,

the UE which receives the UMTS parameters and initiates communication with a UMTS network based on the parameters to enable a GSM call to be handed over to the UMTS network,

wherein the UTRAN parameters forwarded to the UE comprise a list of at least one radio link and the UE uses the list to switch communications with the UE from the GSM-type network to the UMTS network.

18. (Previously Presented) The UMTS system according to claim 17, wherein the UTRAN parameters include one or more of Downlink (DL) channelization code, Uplink (UL) spreading factor, Uplink (UL) scrambling code, Radio Frequency, Radio Link ID, Link Reference, S-RNTI, Transport Format Sets, Transport Format Combination Set and Initial DL Power.

19. (Canceled).

20. (Previously Presented) User Equipment (UE) for a UMTS network arranged to communicate over both a GSM-type network and the UMTS network, and comprising:

a receiver which receives UTRAN parameters sent via the GSM-type network; and

a circuit which initiates communication with the UMTS network based on the UTRAN parameters to enable a GSM call to be handed over to the UMTS network,

wherein the UTRAN parameters forwarded to the UE comprise a list of at least one radio link and the UE uses the list to switch communications with the UE from the GSM-type network to the UMTS network.

21. (Previously Presented) User equipment according to claim 20, wherein the UTRAN parameters include one or more of Downlink (DL) channelization code, Uplink (UL) spreading factor, Uplink (UL) scrambling code, Radio Frequency, Radio Link ID, Link Reference, S-RNTI, Transport Format Sets, Transport Format Combination Set and Initial DL Power.

22. (Canceled).

23. (Previously Presented) A Radio Network Controller (RNC), comprising:
means for generating the Universal Mobile Telecommunications System (UMTS) Terrestrial Radio Access Network (UTRAN) parameters;

means for forwarding the UTRAN parameters, via the Global System for Mobile communication (GSM)-type network, to the User Equipment (UE) which communicates with the GSM-type network, whereby the UE receives the UTRAN parameters and initiates communication with the UMTS network,

wherein the UTRAN parameters forwarded to the UE comprise a list of at least one radio link and the UE uses the list to switch communications with the UE from the GSM-type network to the UMTS network.

24. (Previously Presented) The RNC according to claim 23, wherein the UTRAN parameters include one or more of Downlink (DL) channelization code, Uplink (UL) spreading factor, Uplink (UL) scrambling code, Radio Frequency, Radio Link ID, Link Reference, S-RNTI, Transport Format Sets, Transport Format Combination Set and Initial DL Power.

25. (Canceled).

26. (Previously Presented) The method according to claim 1, wherein the UTRAN parameters include one or more of Radio Frequency, Radio Link ID, Link Reference, S-RNTI, Transport Format Sets, Transport Format Combination Set and Initial DL Power.

27. (Previously Presented) The method according to claim 1, further comprising switching directly from a mode in which the UE is in communication with a GSM base station to a UMTS diversity mode in which the UE is in communication with a plurality of UMTS access nodes.

28. (Previously Presented) The method according to claim 1, wherein the UTRAN parameter information includes one or more of data rate, call type and Quality of Service.

29. (Previously Presented) The method according to claim 1, further comprising:
generating a list of one or more available links for the UE;
deleting, for the list of one or more available links, links on which satisfactory communication is not possible, to obtain an updated list of one or more available links; and
supplying the updated list of one or more available links to the UE.

30. (Previously Presented) The user equipment according to claim 7, wherein the UTRAN parameter information output from the UMTS network tunnels through the GSM-type network without being interpreted or processed in any manner by the GSM-type network, and wherein the UTRAN information is directly forwarded to the UE from the GSM-type network as part of a handover command, without passing through any other type of network.

31. (Previously Presented) User equipment according to claim 7, further comprising:

means for switching directly from a mode in which the UE is in communication with a GSM base station to a UMTS diversity mode in which the UE is in communication with a plurality of UMTS access nodes.

32. (Previously Presented) User equipment according to claim 7, wherein the UTRAN parameter information includes one or more of data rate, call type and Quality of Service.

33. (Previously Presented) The UMTS system according to claim 17, wherein the RNC allocates UTRAN resources for a communication by the UE using the UMTS network.

34. (Previously Presented) The RNC according to claim 23, wherein the RNC allocates UTRAN resources for a communication by the UE using the UMTS network.